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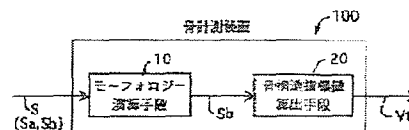
JP11112877A ☐ 19990423 FullText

Title: (ENG) BONE MEASUREMENT METHOD AND DEVICE

Abstract: (ENG)

PROBLEM TO BE SOLVED: To accurately and quantitatively recognize the structure state of a bone tissue based on radiation images.

SOLUTION: A morphology computing means 10 executes a skeleton processing to inputted image information S including bone image information Sb and extracts the bone image information Sb. Then, based on the obtained bone image information Sb, a bone structure index value calculation means 20 obtains a Vt value which is one index value for indicating the structure state of the bone tissue as the average value of the index values Vtj at optional points (j) on a bone beam obtained by an expression $v_{tj} = (n/3) \times \Sigma l_{1j} / \Sigma l_{11}$. (In the expression, l1 indicates a length that the bone beam is continued in an optional direction with the point (j) as a center. Also, λ_{1j} is obtained radially in all the directions with the point (j) as the center and Σ indicates the obtaining of a sum in all the directions).



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ECLA (European Class): G06T00700B2

Legal Status: There is no Legal Status information available for this patent



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